

Certified Water Audit Level 1 Validation Report

Audit Information:

Water Supplier Name: Valley of the Moon Water District

PWS ID: 4910013

System Type: Potable

Audit Period: Calendar year 2018

Utility Representation: Emily Huff, Matthew Fullner

Validation Date: 9/26/2019

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 81

Data Validity Band (Level): Band IV (71-90)

ILI: 1.39

Real Loss: 19.98 (gal/conn/day)

Apparent Loss: 6.85 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 9.9%

Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

If not, rejected recommendations are included here.

Validator Information:

Water Audit Validator: Gregory Plumb

Qualifications: Certified California Water Audit Validator, CA-NV AWWA

Certified Validation Report

Water Supplier Name: Valley of the Moon Water District

Water Supplier ID Number: 4910013

Water Audit Period: Calendar year 2018

Water Audit & Water Loss Improvement Steps:

Utility to provide steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

- New meter installed at Donald Well (which typically provides .15 MGD at peak use)
- Meters 3" and larger were tested 11/2018; at least a dozen of these were replaced due to poor capture rate at lower flow rates
- Continued deployment of static ultrasonic sounders on every 3rd service line
- Continued installations towards 100% deployment of our AMI meters, involving the installation of approx. 3000 meters in 2018
- System wide sonic leak detection performed late 2017

Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audit and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (Print)

Executive Position

Signature

Date

Alan Gardner

General Manager

09/30/2019